PTO/SB/08a (08-03) Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, 10 per are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/PTO Application Number 10/660,645 Filing Date INFORMATION DISCLOSURE 09/12/2003 First Named Inventor LAWRENCE J O'CONNOR STATEMENT BY APPLICANT Art Unit 3654 **Examiner Name** (Use as many sheets as necessary

Attorney Docket Number | 082018-0305889 Sheet

			U. S. PATENT	DOCUMENTS	
Examiner initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (7 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear
M	1_	US- 4,094,727	6/13/1978	Collins	
- 71	2	<sup>US-</sup> 2,650,703	9/1/1953	L.R. Hagen	
$\mathcal{M}$	3	<sup>US-</sup> 4,759,512	7/26/1988	Gaiser	
V	4	US- 4,413,792	11/8/1983	O'Connor	
		US-			
		US-		1	
		US-			
		US-			
		US-			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.		stent Document e <sup>3</sup> -Number <sup>4-</sup> Kind Code <sup>5</sup> ( <i>Ji known</i> )		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ.
N	5	EP	0 649 807	A2	4/26/1995	Sumitomo Rubber		x
	6	DE	196 39 402	A1	3/26/1998	Maschinenfebrik		x
V_	7	DE	910 754		5/6/1954	T.M.M. Research		L
			·					L

			<u> </u>
Examiner Signature	Jun -	Date Considered	4/28/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the sarial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Subs	stitute for form 1449A/PTO			Complete if Known		
-				Application Number		
1N	FORMATION DISC	CLC	SURE	Filing Date	09/12/2003	
	TATEMENT BY AF	_		First Named Inventor	Lawrence J. O'Connor	
•	IAILINEIII DI AI	-		Art Unit		
	(Use as many sheets as nec	ASSAN	1	Examiner Name		
Sheet	1	of	2	Attorney Docket Number	082018-0305889	

			U. S. PATENT		
Examiner initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
$\sqrt{N}$	A	<sup>us-</sup> 546,009	09/10/1895	J. W. Graves	
	В	us- 1,772,164	08/05/1930	J. A. Taft	
	C	<sup>US</sup> 2,353,821	07/18/1944	C. A. Fourness et al.	
	D	<sup>US-</sup> 2,900,980	08/25/1959	K. J. Harwood	
	Е	us- 3,885,749	05/27/1975	Skacel	
	F	<sup>US-</sup> 3,964,235	06/22/1976	Miller et al.	
	G	<sup>US-</sup> 3,978,257	08/31/1976	Ring	
	Н	US- 4,034,928	07/12/1977	McDonald et al.	
	I	<sup>US-</sup> 4,070,218	01/24/1978	Weber	
	J	<sup>US-</sup> 4,093,146	06/06/1978	Haley	
	K	US- 4,100,324	07/11/1978	Anderson, et al.	
	L	<sup>US-</sup> 4,109,353	08/29/1978	Mitchell, et al.	
	М	<sup>US-</sup> 4,114,530	09/19/1978	Miller	
	N	<sup>US-</sup> 4,127,637	11/28/1978	Pietreniak, et al.	
	0	<sup>US-</sup> 4,137,697	02/06/1979	Knapp et al.	
	P	<sup>US-</sup> 4,602,471	07/29/1986	Gray et al.	
1/	Q	US- 4,757,952	07/19/1988	Balzer	
V	R	<sup>US-</sup> 5,058,820	10/22/1991	Ito et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	₽₽
						H
						L
						Γ

Examiner Signature	Type	Date Considered	4/28/05

EXAMINER: hiltial if reference donsidered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/S8/08a (05-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
as callection of information uplear the control uplear.

Coi	Complete if Known		
Application Number			
Filing Date	09/12/2003		
First Named Inventor	Lawrence J. O'Connor		
Art Unit			
Examiner Name			
Attorney Docket Number	082018-0305889		
	Application Number Fiting Date First Named Inventor Art Unit Examiner Name		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2 (fknown)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
$\sqrt{N}$	s	<sup>US-</sup> 5,129,208	07/14/1992	Van Zee	
	Т	<sup>US-</sup> 5,305,963	04/26/1994	Harvey, III et al.	
	U	<sup>US-</sup> 5,381,982	01/17/1995	Adamski	
	V	US- 5,419,253	05/30/1995	Campbell	
	W	US- 5,425,512	06/20/1995	Bichot et al.	
	Х	<sup>US-</sup> 5,516,058	05/14/1996	Omokawa et al.	
	Y	<sup>US-</sup> 5,832,696	11/10/1998	Nagy et al.	
	Z	<sup>US-</sup> 5,842,663	12/01/1998	O'Connor et al.	
	AA	<sup>US-</sup> 5,927,640	07/27/1999	Yokoe	
	AB	<sup>US-</sup> 6,021,622	02/08/2000	Underhill	
	AC	<sup>US-</sup> 6,290,164 B1	09/18/2001	O'Connor et al.	
	AD	<sup>US-</sup> 6,343,763 B1	02/05/2002	Fleury et al.	
V	AE	US- Re. 32,608	02/23/1988	O'Connor	
		US-			
	1	US-			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Xind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τª	
$\gamma N$	AF	EP 0 734 985	A1	10/02/1996	Guy Robin			
							ļ	
						<u> </u>	<u> </u>	
							<u> </u>	
i								

Examiner Signature	My-	Date Considered	4/28/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.